

AMENDMENT TO THE SPECIFICATION

Please replace the 2 paragraphs beginning on page 9, line 9 with the following:

Figs. 6 and 7 are floor plans of the interior space in the residential mode and office mode respectively.

Fig. 8 is a schematic illustration of the power and air conditioning systems.

Please replace the 2 paragraph beginning on page 9, line 13 with the following:

Fig. 9 is a schematic illustration of the natural air handling system.

Fig. 10 is a schematic illustration of the hot water loom system.

Please replace the paragraph beginning on page 9, line 15 with the following:

Fig. 11 is a schematic illustration of water collection and reticulated reuse system. ~~is a schematic illustration of the power and air conditioning systems.~~

Please replace the paragraph beginning on page 9, line 16 with the following:

Fig. 12 is a schematic illustration of a closed-loop air-conditioned energy exchange system. ~~is a schematic illustration of the natural air handling system.~~

Please replace the paragraph beginning on page 9, line 17 with the following:

Fig. 13 depicts assembly of a plurality of modular building units stacked to form a multi-storied building in a checkerboard configuration. ~~is a schematic illustration of the hot water loom system.~~

Please replace the paragraph beginning on page 9, line 18 with the following:

Fig. 14 depicts a modular building unit having a removable side wall panel for use in the invention. ~~is a schematic illustration of water collection and reticulated reuse system.~~

Please delete the paragraph beginning on page 9, line 19 of the Specification.

Please replace the paragraph beginning on page 9, line 21 with the following:

Fig. 15 is a plan view of a typical louvre. ~~depicts sequential illustrations of the manufactured assembly process of a smaller interactive fixed module for a building.~~

Please replace the paragraph beginning on page 10, line 2 with the following:

Fig. 16 is plan view of an adjustable handrail. ~~depicts sequential illustrations of the manufactured assembly process of an interactive mobile module for a building.~~

Please replace the paragraph beginning on page 10, line 4 with the following:

Fig. 17 is an elevation of a facade system. ~~is a diagram of the Investor/Consumer Business Link.~~

Please replace the paragraph beginning on page 10, line 5 with the following:

Fig. 18 is a section view of the facade system. ~~is a diagram of the Personal/Business Development Program.~~

Please replace the paragraph beginning on page 10, line 6 with the following:

Fig. 19 is a view of a top section of a modesty barrier section of the facade system. ~~is a diagram of the Business Enabling/Support Program.~~

Please replace the paragraph beginning on page 10, line 8 with the following:

Fig. 20 is a view of a bottom section of a modesty barrier section of the facade system. ~~is a diagram of the License/Franchise Levy.~~

Please delete the 13 paragraphs beginning on page 10, line.

Please delete the 4 paragraphs beginning on page 11, line 1.

Please add the following 3 paragraphs on page 10, after line 8:

Fig. 21 is a perspective view of the louvre assembly.

Fig. 22 is a perspective view of a modular building unit having a side wall panel connected by a hinge to the base and/or top of the unit; and

Fig. 23 is a perspective view of the modular building unit of Figure 22 with additional wall panels and glass facades.

Please add the following 1 paragraph on page 15, after line 20 of the Specification:

Figure 14 shows a stackable, transportable modular building unit 100 comprising a floor panel 102, a fixed side wall panel 104, a removable side wall panel 106 and a ceiling or roof panel 108.

Please replace the paragraph beginning on page 15, line 21 with the following:

The removable wall section or panel 106 of the module provides a durable and weatherproof container for ease of transportation. Systems design may enable the removal of this wall panel during erection. Further utilisation of this panel may provide a structural end wall; portico/verandah section, roof and/or ground floor section and may enable establishment of additional free-space.

Please replace the paragraph beginning on page 15, line 26 with the following:

Similar systems may provide for assembly of the module in a freestanding environment. In this case, the module's removable wall panel 106 may be replaced with a less structural, dual skin, wall component. The component may be designed to hinge out at floor and roof level as shown in Figure 22. The insertion of structurally framed modular glass partitions and/or retractable glass facades may allow additional space to be created on-site.

Please replace the paragraph beginning on page 16, line 3 with the following:

The ~~systems~~ system's design may enable assembly of the modules 100 in a checker board configuration as shown in Fig. 13 and may enable the assembly of the modules such that the floor panel 102 of a module 120 on an upper level meets with the roof panel 108 of a module 100 below. The system's design may enable the creation of free space 110 between modules 100 formed from the roof 108, walls 104, 106 and floor 102 of adjacent modules. As shown in Figure 13 the modules 120 on an upper level are stacked on the modules 100 of the level below in positions above the free spaces 110 between the modules 100 so that the floor panels 102 of the modules 120 form ceilings of the free spaces 100. Streamlined design, engineering and assembly solutions may enable the easy attachment of modules with the ability to place vertical and horizontal floor loading through the building by creating in-series structural solutions.

Please replace the paragraph beginning on page 16, line 11 with the following:

The space itself is capable of adapting its use during the course of the day and may adapt from formal to informal residential living. The living area itself may convert to outdoor living space by opening back the glass operable facade and by lowering the external interactive screen allowing direct sunlight and air into the integrated living environment. The space becomes an external private domain and by its orientation with the sun and the external operable screen, the occupant has the option of controlling the ambient lighting levels. In parallel to the systems, the climate control automated screen function allows or rejects ~~[[sotar]]~~ solar radiation in the most

efficient manner and ~~compliments~~ complements the buildings energy management systems. The glass operable facade allows excellent natural cross ventilation. It also enables the adaptation of the living space to outdoor private space by lowering the interactive facade, creating an external balcony, allowing direct afternoon sun light into the space.

Please replace the paragraph beginning on page 16, line 24 with the following:

The space is designed for extreme flexibility as a means of increasing utilisation of the capital resources tied up in traditional building structures. The space is fitted out with unitised adaptable pre-manufactured components, operable internal walls, a cover screen over the kitchen, fold out bed/meeting room table/desk storage/Japanese den, formal living/day bed. The living space, its furniture and technologies enable adaptation from office to formal and informal residential. The office configuration may be ~~complimented~~ complemented by the addition of a work station and desk components which fit into standardised sockets and fittings in the module.

Please replace the paragraph beginning on page 17, line 1 with the following:

The space may be arranged in any combination, for example, the internal walls may be opened, closed or positioned in any setting; the bathroom may be left open to the room adjacent with both rooms ~~[[have]]~~ having the option of opening and ventilating through the bio-climatic garden void.

Please replace the paragraph beginning on page 17, line 8 with the following:

The creation of various internal and external structural forms may be enabled through extremely flexible design solutions. The module's chassis is designed with one fixed wall 104 incorporating an integrated structural truss. The remaining walls 106, floor 102 and ceiling 108 each consist of separately removable, fire-rated panels.

Please replace the paragraph beginning on page 17, line 16 with the following:

[[The]] As shown in Fig. 13, the ~~systems~~ system's design may enable assembly of the modules 100 in a checkerboard such that ~~the internal floor level~~ panel 102 of a module 120 on an upper level meets with the roof level panel 108 of a diagonally connected module 100 below. The systems design ~~enabled~~ enables the creation of free space 110 between modules formed from the roof 108, walls 104, 106 and floor 102 of adjacent modules 100. ~~Systems~~ The system's design may enable shipping of the sealed container containing the occupants elected range of plug-in components. After erection of the building, the components may then be installed on the outside walls of the space after assembly of the structure.

Please replace the paragraph beginning on page 17, line 16 with the following:

The mobile modular structure consists of a structural chassis with an integrated truss in one wall. The floor and ceiling each consist of a series of three separately removable and fire rated panels. The two walls at each end are open and may be fitted with an operable interactive glazing and façade system, or may be fitted with various wall panels or a plug-in front door and exchange module component. The removable [[wall,]] wall 106 running the entire length of the module, is removable and creates a durable and weatherproof container for ease of transportation. ~~Systems~~ The system's design may enable the removal of this wall panel 106 during erection. Further utilisation of this panel may provide the required in fill structural end wall, roof and floor; portico/verandah section, roof and/or ground floor section of the ~~positive~~ free spaces created during assembly as well as providing weather protection for pedestrian access in and around the building.

Please replace the paragraph beginning on page 18, line 7 with the following:

The ~~modules~~ module's vertical and fire rated service duct enables the incorporation of structural bracing, which combined with the integrated wall truss and the remaining structure to create an integral box chassis. Streamlined design, engineering and assembly solutions may enable the easy attachment of modules with the ability to place vertical and horizontal floor loading through

the building by creating in-series structural solutions. The modules separate structure cells may be joined together in series to provide a combined structural solution. This enables the ability to hang or bridge the modules into various formations and urban forms.

Please replace the paragraph beginning on page 18, line 16 with the following:

Similar systems may provide for assembly of the module in a freestanding environment. In this case, the ~~modules~~ module's removable wall panel 106 may be replaced with a less structural, dual skin, wall component. Instead of a removable wall, the ~~[[The]]~~ component 206 may be designed to hinge out at floor and roof level as shown in Fig. 22. The insertion of structural framed modular glass partitions and/or operable glass facades 212 may allow additional space to be created on-site as shown in Fig. 23.

Please replace the paragraph beginning on page 18, line 22 with the following:

The integrated floor and ceiling panels 102 and 108 divide the modules in a horizontal axis and are removable. They also enable linking of the module in vertical and horizontal forms. A plug-in modular staircase component may be added linking the various levels internally within a building.

Please delete the 17 paragraphs beginning on page 19, line 11.

Please replace the paragraph beginning on page 21, line 20 with the following:

~~[[5]]~~ 4 Louvre assembly

Please replace the paragraph beginning on page 21, line 21 with the following:

Figures 15 to 21 of the ~~[[The]]~~ drawings ~~shown~~ show the module's automated façade may interact with the air conditioning control systems to reduce heat load external to the glass/skin or automatically take advantage of passive solar gain. The interactive and automated façade system

may be designed to reduce the capital cost and running expenses of hotel, residential and/or office buildings. The design solution seeks to reduce the need for separate external balconies, façade finishes, handrails, outdoor furniture, and internal blinds.

Please replace the paragraph beginning on page 23, line 12 with the following:

[[6]] 5 Environmental control

Please replace the paragraph beginning on page 26, line 9 with the following:

Solar gains can be controlled through careful consideration of the building materials, glazing types, external shading, orientation, and so forth. The selection of glazing types should be made to limit summer solar heat gain and winter solar heat loss. Double glazing, low E, solar reflective glass and reflective films may be ~~wused~~ used.

Please replace the paragraph beginning on page 26, line 21 with the following:

Modules having direct frontage to northern and western sunlight [[n]] in the southern hemisphere may enable indoor living space 36 to be converted by removing the retractable glass wall 52 allowing cross flow of air through the module. Simply by adjusting the angle of the louvres 16 of the louvred screen 14, or lowering and stacking it, the occupant has the option of allowing direct sunlight into the space 36. The deletion of separate external space has enabled provision of more spacious living spaces within the module for the same price.

Please replace the paragraph beginning on page 28, line 10 with the following:

[[7]] 6 Energy Management System

Please replace the paragraph beginning on page 31, line 22 with the following:

[[8]] 7 Water management system

Please replace the paragraph beginning on page 34, line 28 with the following:

[[9]] 8 Resource management systems

Please replace the paragraph beginning on page 36, line 4 with the following:

[[10]] 9 Communications infrastructure

Please delete the 42 paragraphs beginning on page 37, line 23 through page 42, line 27.

Please replace the paragraph beginning on 42, line 28 with the following:

~~Like the modules described earlier, each module is relatively flexible and can be used as an office accommodation, or a mixture of the two. Furthermore, with each module the Fig. 22 shows a modular building unit 200 for use in the invention. As in Fig. 16, the unit 200 has a floor panel 202, a fixed side wall panel 204, a movable side wall panel 206 and a ceiling or roof panel 208. As shown in Fig. 22, the movable side wall panel 206 is adapted to be able to be hingedly connected to the remainder of the module at its top and hingedly connected to the floor at the base of the side. In this way one can raise a side, or lower it, to create a floor or roof as the case may be. If two spaced-apart modules do the same thing, extra space is created between them which is useable as general, open space. This may be able to be used as extra living space, office space, a balcony, or the like, as desired.~~

Please replace the paragraph beginning on 43, line 12 with the following:

For the open spaces created by the raising and lowering of walls 206 in the modular building unit of Fig. 22, the front and rear may be able to be fitted with standard pre-made glass facades or window units 212, balcony units, wall panels or units 214, or the like as shown in Fig. 23.

Please delete the 7 paragraphs beginning on page 43, line 29 through page 45, line 6.

Please delete the 49 paragraphs beginning on page 52, line 8 through page 59, line 14.